

**ABSTRACT**

To provide a good and fixed positioning and comfortable placement for a person to be examined, an arrangement is provided in a mammography apparatus. The apparatus 5 comprises an x-ray source and an exposure area for a breast. The device includes an essentially elastic container, consisting of an x-ray permeable material, arranged in the exposure area between two compression plates. The container is arranged such that upon the addition of a medium it expands and pressurizes the breast against the compression plate

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